

PAC282Hu01

Polyclonal Antibody to Adhesion Regulating Molecule 1 (ADRM1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100µl

Cross Reactivity:

Applications: WB,IHC

[**IMMUNOGEN**]

Immunogen: Recombinant ADRM1 (Thr2~Asp407) expressed in *E.coli*

Accession No.: RPC282Hu01

[**APPLICATIONS**]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[**FORMULATION**]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

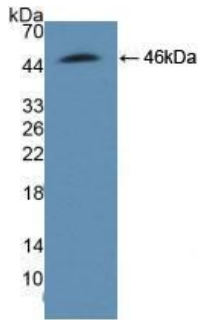
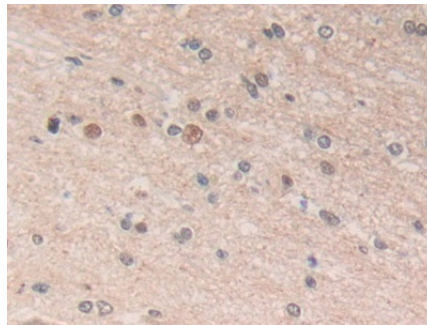
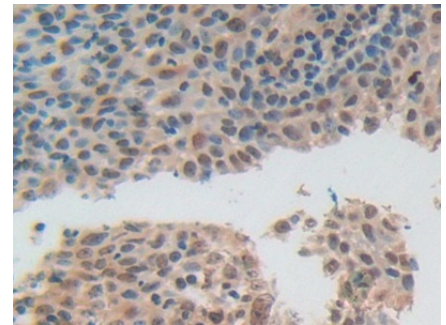


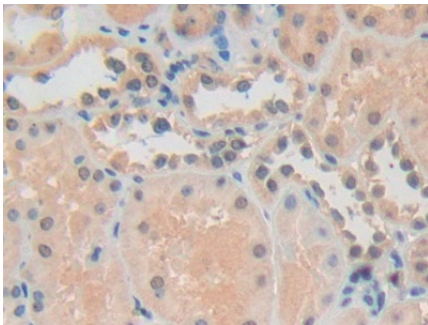
Figure. Western Blot; Sample: Recombinant ADRM1, Human.



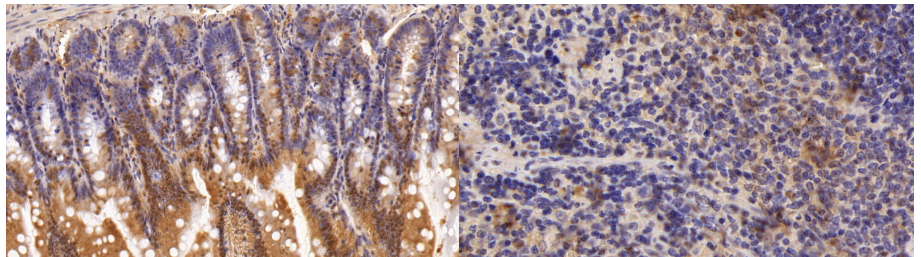
DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Skin cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

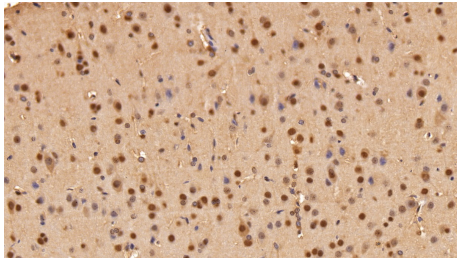


DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



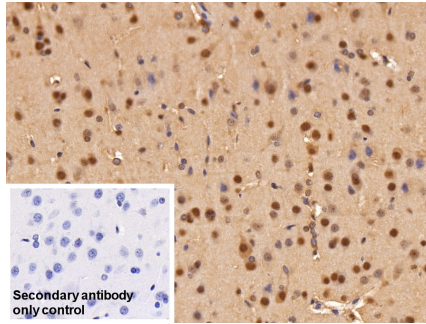
DAB staining on IHC-P; Sample: Rat Small intestine Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Rat Spleen Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



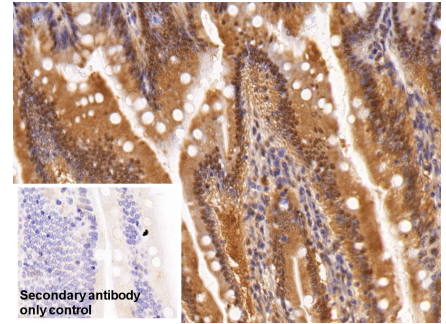
DAB staining on IHC-P;

Sample: Rat Cerebrum Tissue;
 Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



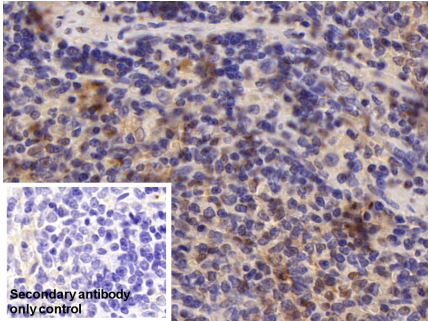
DAB staining on IHC-P;

Sample: Rat Cerebrum Tissue
 Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



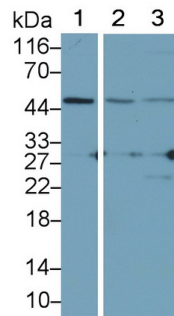
DAB staining on IHC-P;

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 Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody
 Control: Used PBS instead of primary antibody
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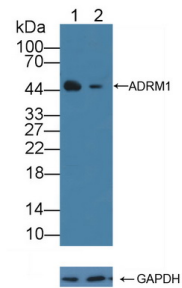


Sample: Rat Spleen Tissue

Primary Ab: 10µg/ml Rabbit Anti-Human ADRM1 Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

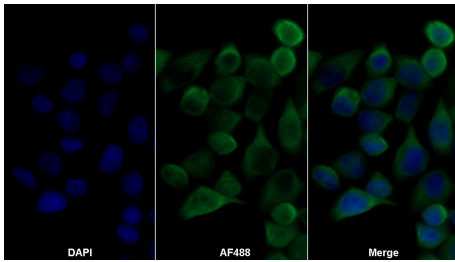


Western Blot; Sample: Lane1: Rat Testis lysate; Lane2: HeLa cell lysate; Lane3: 293T cell lysate
 Primary Ab: 0.1µg/ml Rabbit Anti-Human ADRM1 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type 293T cell lysate;
 Lane 2: ADRM1 knockout 293T cell lysate;
 Predicted MW: 42kd
 Observed MW: 45kd
 Primary Ab: 2µg/ml Rabbit Anti-Human ADRM1 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



AF488 staining on IF;

Sample: MCF7 cell

Primary Ab: 20µg/ml Rabbit Anti-
Human ADRM1 Antibody

Second Ab: 2µg/ml AF488-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb11)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.